Insight



Monthly focus

March 2024



For important and required non-U.S. analyst disclosures, see $\underline{\text{page }10}$.

All values in U.S. dollars and priced as of market close, Feb. 29, 2024 unless otherwise stated. Produced: March 4, 2024 3:57 pm ET; Disseminated: March 6, 2024 11:30 am ET

Investment and insurance products offered through RBC Wealth Management are not insured by the FDIC or any other federal government agency, are not deposits or other obligations of, or guaranteed by, a bank or any bank affiliate, and are subject to investment risks, including possible loss of the principal amount invested.

MONTHLY Focus



Kelly Bogdanova San Francisco, U.S. kelly.bogdanova@rbc.com

Four for 2024: Key things to know about U.S. elections

As presidential elections have become more contentious, perceptions have risen that the stock market's fate can hang in the balance depending on who wins. We think this gives election outcomes too much weight. There are four principles to keep in mind during this controversial election season.

Key points

- The market has performed well under various combinations of party control—including both controversial and plain vanilla presidencies.
- In terms of hot-button campaign issues, Wall Street's priorities often differ from Main Street's. And among the policy issues that catch Wall Street's attention, very few end up being primary drivers of stock market or sector returns—especially long-term returns.
- The Fed, economy, innovation, and profits tend to matter more to stock market performance than politics and election outcomes. Developments at the White House and on Capitol Hill usually don't make or break America's \$28 trillion economy or the profits of most S&P 500 companies.
- Stock market returns in past elections are useful to consider as there are some persistent and interesting patterns, but there are caveats.

Polls indicate that most Americans view the forthcoming U.S. presidential election on November 5 with great apprehension for a variety of reasons—and very different reasons depending on political party affiliation and ideology.

Over the years we've discovered that investors often apply their political anxieties to their views about prospects for the stock market and economy.

Republicans and populist conservatives tended to be rather concerned about the stock market's outlook when Barack Obama and Joe Biden came to power, whereas Democrats and progressives were very nervous when Donald Trump was elected. Heading into this election, and given the stark divisions within the country, we sense that anxieties are even higher.

Yet the U.S. equity market rose meaningfully under the leadership of Obama and Trump and has risen thus far during the Biden administration.

We contend that the market's strength during these and other periods—and its periods of weakness—had less to do with who or which party occupied the White House, or which party controlled the House of Representatives and Senate and had more to do with other factors.

As the election approaches and campaign rhetoric fans the flames even more, we think investors should keep in mind four guiding principles when it comes to financial markets.

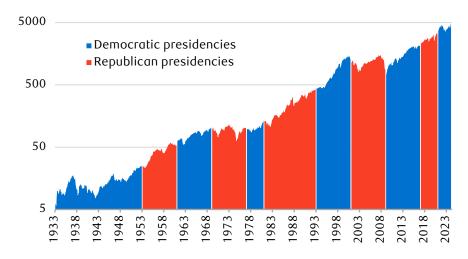
#1 – The market has performed well under various combinations of party control

The U.S. stock market has risen during Republican and Democratic presidencies—including during both controversial and plain vanilla presidencies, as the chart below illustrates.

There were a couple lengthy periods when the S&P 500 struggled, such as during the 1970s when Presidents Richard Nixon and Gerald Ford (shown in red in the chart) and Jimmy Carter (in blue) served. But by and large, when we consider from 1933 onward, the market rose during a number of Republican and Democratic presidential periods, and substantially so at times.

Market gains have occurred under both parties

S&P 500 performance since 1933 by presidential party control (log scale)

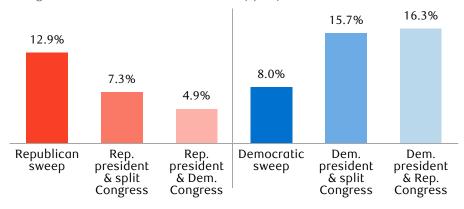


Source - RBC Wealth Management, Bloomberg: monthly data through 2/20/24 shown on a logarithmic scale. Categories separated by inauguration dates when a party change occurred

Since 1953, S&P 500 returns have tended to be highest when the Democratic Party has controlled the presidency and Congressional control has been either divided between the two parties or firmly in Republican control. It also performed well when there was a Republican sweep.

Elephant or donkey—or both?

Average annual S&P 500 returns since 1953 by party control



Source - RBC Wealth Management, Bloomberg; data through 12/31/23; data based on price returns (does not include dividends)

We think it's most relevant to evaluate party control data from 1953 onward because at that time a major shift took place.

In the first half of the 20th Century, it was very common to have united, one-party control with either the Democratic or Republican Party holding all three levers of power: the presidency, Senate, and House. This happened in 85 percent of those years.

But beginning with the swearing in of Republican Dwight D. Eisenhower as president in 1953 through today, one-party control has been rarer, happening in only 37% of those years.

#2 - Wall Street's priorities often differ from Main Street's

There are a bevy of election issues that we think markets will be paying attention to during this campaign season and soon after the election related to economic policy, foreign policy, and sectors and industries.

Wall Street's priorities, which are shown in the lists below, can differ from what large portions of the electorate prioritize. The market often ignores important social issues that help determine election outcomes. For example, this election season various voter groups are focused on crime, border security, homelessness, the fentanyl and opioid crises, abortion, etc. But, historically, social issues have had little direct, immediate, or discernable impact on corporate profit growth of large companies that make up the S&P 500, which is Wall Street's primary focus.

A bevy of election issues for markets to focus on

Economic policy	Foreign policy	Sectors & industries	
 inflation tax policy federal spending federal debt & deficit immigration student loan debt Treasury/Fed appointments Washington gridlock 	 tariff & trade policies sanctions U.SChina rivalry onshoring, near-shoring friend-shoring deglobalization de-dollarization U.S./NATO-Russia risks a wider Middle East conflict? multipolar world 	 energy policy energy transition green initiatives infrastructure spending tech subsidies tech & AI regulations health care policy FDA rules defense spending banking regulations 	

Source - RBC Wealth Management

This election cycle, we think three issues on the list above will stand out for Wall Street:

- Tax rates on individuals,
- tariff and trade policies, and
- the U.S.-China rivalry.

The presumptive Democratic and Republican nominees, Biden and Trump, seem to have very different ideas about taxation and tariff policies, and their detailed policy proposals will likely be clearer in the months ahead.

We think tax provisions will be front and center not only during the heat of the election campaign but even more so after the next president and Congress take office in 2025.

Many of the tax cuts for individuals that were passed in the Tax Cuts & Jobs Act (TCJA)—known as the "Trump tax cuts"—are scheduled to automatically sunset (expire) at end of 2025. If nothing is done to address some or all of the provisions, they would revert back to higher, pre-TCJA levels.

Tax issues likely to be front and center

Many of the Tax Cuts and Jobs Act (TCJA) provisions that benefited individual taxpayers starting in 2018 are scheduled to sunset at the end of 2025:

- The reduction of individual income tax rates and the restructuring of the tax brackets will expire
- The increase in the standard deduction, elimination of the personal exemption, and doubling of the child tax credit will expire
- Limits on the state and local tax deduction and the mortgage interest deduction will expire
- The decoupling of the income threshold for capital gains from ordinary income will expire
- The reduction of the alternative minimum tax will expire
- · The reduction of the estate tax will expire
- The higher lifetime thresholds for gifts will expire

Source - Tax Foundation, Kiplinger, RBC Wealth Management. Items impacted by TCJA sunset provisions are not limited to this information. This information does not construe tax advice.

There are no sunset provisions for the corporate tax rate reductions that were included in the TCJA, but corporate rates could change if the next president and Congress agree on tax hikes or cuts.

We think foreign policy issues are more important to Wall Street this election than in recent ones. This is not only due to the high-profile military conflicts in Eastern Europe and the Middle East, but also because tariff and economic sanctions policies have played greater roles in the current and previous two presidential administrations. This will likely continue regardless of who is elected president in 2024. From our vantage point, sanctions and trade restrictions, rather than good old-fashioned diplomacy, have become fixations of the U.S. foreign policy establishment—even though they quite often don't work.

We intend to evaluate the two leading candidates' tariff, trade, sanctions, and tax proposals in the future as the policies become more specific and formalized.

Aside from trade issues, among the long list of issues above that will likely attract the attention of equity market strategists and economists, most are unlikely to be key drivers of stock market or sector returns, in our view—especially long-term returns. Policymaking in Washington involves many different checks and balances including corporate lobbying, and we think other factors have primarily driven profits and stock market performance.

#3 – The Fed, economy, innovation, and profits tend to matter more than Washington policies

Developments at the White House and on Capitol Hill usually don't make or break America's \$28 trillion economy or the profits of most S&P 500 companies, in our assessment.

Rather, the Fed's monetary policies have historically influenced the economy, inflation, bank lending, and credit availability much more. The Fed's decisions tend to help shape the business cycle, which in turn highly influences corporate profit growth—the latter of which is the mother's milk of the stock market.

Likewise, Fed policies also have tended to be major determining factors of U.S. bond market performance and have increasingly influenced policies of other developed-market central banks and performance of those bond markets.

The natural movement of U.S. economic activity—from the start of a new growth cycle, to midcycle, to recession, and back again—has also historically been a major determinant of U.S. financial market returns.

And innovation has been a key factor. Think back to the previous major leaps in technology—from the advent of personal computers, to wide usage of the internet, and more recently to artificial intelligence—and it becomes apparent that innovation often drives profit growth and stock prices.

This is not just applicable to technology-related stocks. Many sectors and industries ranging from health care, to industrials, energy, utilities, transportation, shipping, financial services, and more, have benefitted greatly from innovation—and we think their stock prices have too.

Washington policy decisions have at times spurred on and incentivized innovation, but more often than not it occurred naturally within the competitive U.S. and global free enterprise system.

#4 – Historical election data are useful to consider, but there are caveats

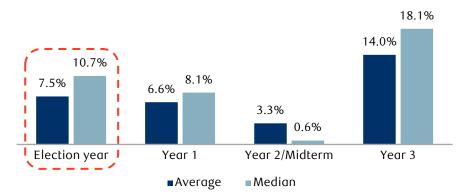
An interesting pattern has developed over many years. When we divide time into four periods—the election year, then year one of the presidential term, then year two of the presidential term (which is also the midterm election year), and then year three—we see a persistent pattern of performance stretching back to 1928.

The S&P 500 was strongest in year three, and second-strongest during the presidential election year, as the top chart on the following page shows.

Political pundits and market strategists have their theories as to why this four-year pattern has persisted—some of which involve higher federal spending in year three, and there is some data that points to Fed policy patterns in the various years. But we have yet to find reliable, concrete explanations.

Four-year presidential cycle track record

S&P 500 performance during U.S. presidential election cycles since 1928



Note: "Year 1" is the first year of the presidential term, "Year 2" is the second year and so forth.

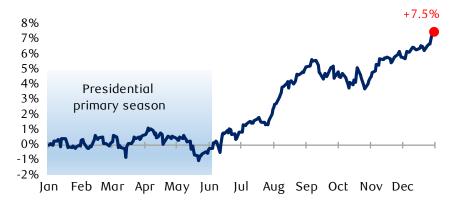
Source - RBC Wealth Management, Bloomberg; annual data through 2023; data based on price returns (does not include dividends)

The market has also tended to follow a similar pattern during the presidential election year. The gains tend to come during the summer and later in the year.

For example, when we combine all of the presidential election years since 1928 and average them together, the chart below shows that the market treaded water during the primary season, but then rose in the summer, and posted nice gains after the November election.

Gains typically came later in the year

Average path of S&P 500 during presidential election years since 1928



Source - RBC Wealth Management, Bloomberg; data through 2020 election; data based on price returns (does not include dividends)

But what about the controversial election years in recent years and decades?

When Hillary Clinton and Donald Trump faced off in 2016 and Trump and Biden competed in 2020, the market corrected during the spring (for reasons unrelated to the election) and rallied toward year end, closing near the highs of the year. The S&P 500 finished 2016 and 2020 up 9.5 percent and 16.3 percent, respectively. Controversies and all, in each case the market beat the 7.5 percent long-term average gain during election years.

However, not all controversial presidential election years ended in rallies.

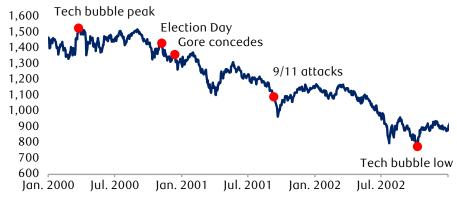
When George W. Bush and Al Gore faced off in 2000, the S&P 500 was particularly weak during the "hanging chads" Florida recount and pivotal court proceedings which lasted for over one month. The market didn't like the uncertainty associated with the recount and unprecedented legal issues.

The S&P 500 fell nearly 12 percent from the close on Election Day to the December low, and it dropped 10.1 percent for the full year—well below the average 7.5 percent election year gain.

Performance that year was also greatly impacted by the bursting of the Tech bubble, which began in March 2000 and stretched all the way into 2002. Florida recount uncertainty was a factor, but not the sole driver of poor equity returns in 2000 or during that longer period, as the chart shows.

Bigger issues than the Bush vs. Gore recount

S&P 500 from 2000–2002 mainly impacted by the bursting of the Tech bubble



Source - RBC Wealth Management, Bloomberg; data from 1/1/00-12/31/02

This is yet another illustration which underscores our view that it's important to remember other factors tend to influence the stock market much more than election outcomes.

Furthermore, one should also keep in mind there are caveats to historical market-related election data. Even when we track S&P 500 data and trends going back to 1928, there are not a lot of datapoints, especially when they are sliced and diced into various categories. One big rally year or one big selloff year can change the averages notably, and there tend to be wide variations around the averages.

Focus on the bigger picture

Americans and observers outside the country who are interested in politics and public policy rightly assign high importance to U.S. election outcomes. But we think U.S. financial markets are typically more influenced by Fed policies in the short run and by economic trends, innovation, and profit growth over a longer time frame.

As the campaign season progresses, stay tuned for more of RBC's election-related insights which will dig into policy issues that are most relevant for the economy, markets, sectors, and industries.

Research resources

This document is produced by the Global Portfolio Advisory Committee within RBC Wealth Management's Portfolio Advisory Group. The RBC Wealth Management Portfolio Advisory Group provides support related to asset allocation and portfolio construction for the firm's investment advisors / financial advisors who are engaged in assembling portfolios incorporating individual marketable securities.

The Global Portfolio Advisory Committee leverages the broad market outlook as developed by the RBC Investment

Strategy Committee (RISC), providing additional tactical and thematic support utilizing research from the RISC, RBC Capital Markets, and third-party resources.

The RISC consists of senior investment professionals drawn from individual, client-focused business units within RBC, including the Portfolio Advisory Group. The RISC builds a broad global investment outlook and develops specific guidelines that can be used to manage portfolios. The RISC is chaired by Daniel Chornous, CFA, Chief Investment Officer of RBC Global Asset Management Inc.

Global Portfolio Advisory Committee members

Jim Allworth – Co-chair Investment Strategist, RBC Dominion Securities Inc.

Kelly Bogdanova – Co-chair Portfolio Analyst, RBC Wealth Management Portfolio Advisory Group U.S., RBC Capital Markets, LLC

Frédérique Carrier – Co-chair Managing Director & Head of Investment Strategy, RBC Europe Limited

Mark Bayko, CFA – Head, Portfolio Management, RBC Dominion Securities Inc.

Rufaro Chiriseri, CFA – Head of Fixed Income – British Isles, RBC Europe Limited

Janet Engels – Head, Portfolio Advisory Group U.S., RBC Wealth Management, RBC Capital Markets, LLC

Thomas Garretson, CFA – Fixed Income Senior Portfolio Strategist, RBC Wealth Management Portfolio Advisory Group, RBC Capital Markets, LLC

Patrick McAllister, CFA – Manager, Equity Advisory & Portfolio Management, Portfolio Advisory Group, RBC Dominion Securities Inc.

Alan Robinson – Senior Portfolio Advisor, RBC Wealth Management Portfolio Advisory Group – U.S. Equities, RBC Capital Markets, LLC

Michael Schuette, CFA – Multi-Asset Portfolio Strategist, RBC Wealth Management Portfolio Advisory Group – U.S., RBC Capital Markets, LLC

David Storm, CFA, CAIA – Chief Investment Officer, BI & Asia, RBC Europe Limited

Yuh Harn Tan – Head of Discretionary Portfolio Management & UHNW Solutions, Royal Bank of Canada, Singapore Branch

Joseph Wu, **CFA** – Portfolio Manager, Multi-Asset Strategy, RBC Dominion Securities Inc.

Required disclosures

Analyst Certification

All of the views expressed in this report accurately reflect the personal views of the responsible analyst(s) about any and all of the subject securities or issuers. No part of the compensation of the responsible analyst(s) named herein is, or will be, directly or indirectly, related to the specific recommendations or views expressed by the responsible analyst(s) in this report.

Important Disclosures

In the U.S., RBC Wealth Management operates as a division of RBC Capital Markets, LLC. In Canada, RBC Wealth Management includes, without limitation, RBC Dominion Securities Inc., which is a foreign affiliate of RBC Capital Markets. This report has been prepared by RBC Capital Markets which is an indirect wholly-owned subsidiary of the Royal Bank of Canada and, as such, is a related issuer of Royal Bank of Canada.

Non-U.S. Analyst Disclosure

One or more research analysts involved in the preparation of this report (i) may not be registered/qualified as research analysts with the NYSE and/or FINRA and (ii) may not be associated persons of the RBC Wealth Management and therefore may not be subject to FINRA Rule 2241 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

In the event that this is a compendium report (covers six or more companies), RBC Wealth Management may choose to provide important disclosure information by reference. To access current disclosures, clients should refer to https://www.rbccm.com/GLDisclosure/PublicWeb/DisclosureLookup.aspx?EntityID=2 to view disclosures regarding RBC Wealth Management and its affiliated firms. Such information is also available upon request to RBC Wealth Management Publishing, 250 Nicollet Mall, Suite 1800, Minneapolis, MN 55401-1931.

RBC Capital Markets Distribution of Ratings

For the purpose of ratings distributions, regulatory rules require member firms to assign ratings to one of three rating categories – Buy, Hold/Neutral, or Sell – regardless of a firm's own rating categories. Although RBC Capital Markets' ratings of Outperform (O), Sector Perform (SP), and Underperform (U) most closely correspond to Buy, Hold/Neutral and Sell, respectively, the meanings are not the same because RBC Capital Markets' ratings are determined on a relative basis.

Distribution of ratings – RBC Capital Markets Equity Research

As of December 31, 2023

			Investment Banking Services Provided During Past 12 Months	
Rating	Count	Percent	Count	Percent
Buy [Outperform]	829	57.17	253	30.52
Hold [Sector Perform]	575	39.66	154	26.78
Sell [Underperform]	46	3.17	6	13.04

Explanation of RBC Capital Markets Equity Rating System An analyst's "sector" is the universe of companies for which the analyst provides research coverage. Accordingly, the rating assigned to a particular stock represents solely the analyst's view of how that stock will perform over the next 12 months relative to the analyst's sector average.

Outperform (O): Expected to materially outperform sector average over 12 months. Sector Perform (SP): Returns expected to be in line with sector average over 12 months. Underperform (U): Returns expected to be materially below sector average over 12 months. Restricted (R): RBC policy precludes certain types of communications, including an investment recommendation, when RBC is acting as an advisor in certain merger or other strategic transactions and in certain other circumstances. Not Rated (NR): The rating, price targets and estimates have been removed due to applicable legal, regulatory or policy constraints which may include when RBC Capital Markets is acting in an advisory capacity involving the company.

Risk Rating: The Speculative risk rating reflects a security's lower level of financial or operating predictability, illiquid share trading volumes, high balance sheet leverage, or limited operating history that result in a higher expectation of financial and/or stock price volatility.

Valuation and Risks to Rating and Price Target

When RBC Capital Markets assigns a value to a company in a research report, FINRA Rules and NYSE Rules (as incorporated into the FINRA Rulebook) require that the basis for the valuation and the impediments to obtaining that valuation be described. Where applicable, this information is included in the text of our research in the sections entitled "Valuation" and "Risks to Rating and Price Target", respectively.

The analyst(s) responsible for preparing this research report have received (or will receive) compensation that is based upon various factors, including total revenues of RBC Capital Markets, and its affiliates, a portion of which are or have been generated by investment banking activities of RBC Capital Markets and its affiliates.

Other Disclosures

Prepared with the assistance of our national research sources. RBC Wealth Management prepared this report and takes sole responsibility for its content and distribution. The content may have been based, at least in part, on material provided by our third-party correspondent research services. Our third-party correspondent has given RBC Wealth Management general permission to use its research reports as source materials, but has not reviewed or approved this report, nor has it been informed of its publication. Our third-party correspondent may from time to time have long or short positions in, effect transactions in, and make markets in securities referred to herein. Our third-party correspondent may from time to time perform investment banking or other services for, or solicit investment banking or other business from, any company mentioned in this report.

RBC Wealth Management endeavors to make all reasonable efforts to provide research simultaneously to all eligible clients, having regard to local time zones in overseas jurisdictions. In certain investment advisory accounts, RBC Wealth Management or a designated third party will act as overlay manager for our clients and will initiate transactions in the securities referenced herein for those accounts upon receipt of this report. These transactions may occur before or after your receipt of this report and may have a shortterm impact on the market price of the securities in which transactions occur. RBC Wealth Management research is posted to our proprietary Web sites to ensure eligible clients receive coverage initiations and changes in rating, targets, and opinions in a timely manner. Additional distribution may be done by sales personnel via e-mail, fax, or regular mail. Clients may also receive our research via third-party vendors. Please contact your RBC Wealth Management Financial Advisor for more information regarding RBC Wealth Management research.

Conflicts Disclosure: RBC Wealth Management is registered with the Securities and Exchange Commission as a broker/dealer and an investment adviser, offering both brokerage and investment advisory services. RBC Wealth Management's Policy for Managing Conflicts of Interest in Relation to Investment Research is available from us on our website at https://www.rbccm.com/GLDisclosure/PublicWeb/DisclosureLookup.aspx?EntityID=2. Conflicts of interests related to our investment advisory business can be found in Part 2A Appendix 1 of the Firm's Form ADV or the RBC Advisory Programs Disclosure Document. Copies of any of these documents are available upon request through your Financial Advisor. We reserve the right to amend or supplement this policy, Part 2A Appendix 1 of the Form ADV, or the RBC Advisory Programs Disclosure Document at any time.

The authors are employed by one of the following entities: RBC Wealth Management USA, a division of RBC Capital Markets, LLC, a securities broker-dealer with principal offices located in Minnesota and New York, USA; RBC

Dominion Securities Inc., a securities broker-dealer with principal offices located in Toronto, Canada; Royal Bank of Canada, Hong Kong Branch, which is regulated by the Hong Kong Monetary Authority and the Securities and Futures Commission ("SFC"); Royal Bank of Canada, Singapore Branch, a licensed wholesale bank with its principal office located in Singapore; and RBC Europe Limited, a licensed bank with principal offices located in London, United Kingdom.

Third-party Disclaimers

The Global Industry Classification Standard ("GICS") was developed by and is the exclusive property and a service mark of MSCI Inc. ("MSCI") and Standard & Poor's Financial Services LLC ("S&P") and is licensed for use by RBC. Neither MSCI, S&P, nor any other party involved in making or compiling the GICS or any GICS classifications makes any express or implied warranties or representations with respect to such standard or classification (or the results to be obtained by the use thereof), and all such parties hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability and fitness for a particular purpose with respect to any of such standard or classification. Without limiting any of the foregoing, in no event shall MSCI, S&P, any of their affiliates or any third party involved in making or compiling the GICS or any GICS classifications have any liability for any direct, indirect, special, punitive, consequential or any other damages (including lost profits) even if notified of the possibility of such damages.

Disclaimer

The information contained in this report has been compiled by RBC Wealth Management, a division of RBC Capital Markets, LLC, from sources believed to be reliable, but no representation or warranty, express or implied, is made by Royal Bank of Canada, RBC Wealth Management, its affiliates or any other person as to its accuracy, completeness or correctness. All opinions and estimates contained in this report constitute RBC Wealth Management's judgment as of the date of this report, are subject to change without notice and are provided in good faith but without legal responsibility. Past performance is not a guide to future performance, future returns are not guaranteed, and a loss of original capital may occur. Every province in Canada, state in the U.S., and most countries throughout the world have their own laws regulating the types of securities and other investment products which may be offered to their residents, as well as the process for doing so. As a result, the securities discussed in this report may not be eligible for sale in some jurisdictions. This report is not, and under no circumstances should be construed as, a solicitation to act as securities broker or dealer in any jurisdiction by any person or company that is not legally permitted to carry on the business of a securities broker or dealer in that jurisdiction. Nothing in this report constitutes legal, accounting or tax advice or individually tailored investment advice. This material is prepared for general circulation to clients, including clients who are affiliates of Royal Bank of Canada, and does not have regard to the particular circumstances or needs of any specific person who may read it. The investments or services contained in this report may not be suitable for you and it is recommended that you consult an independent investment advisor if you are in doubt about the suitability of such investments or services. To the full extent permitted by law neither Royal Bank of Canada nor any of its affiliates, nor any other person, accepts any liability whatsoever for any direct, indirect or consequential loss arising from, or in connection with, any use of this report or the information contained herein. No matter contained in this document may be reproduced or copied by any means without the prior written consent of Royal Bank of Canada in each instance. In the U.S., RBC Wealth Management operates as a division of RBC Capital Markets, LLC. In Canada, RBC Wealth Management includes, without limitation, RBC Dominion Securities Inc., which is a foreign affiliate of RBC Capital Markets,

LLC. This report has been prepared by RBC Capital Markets, LLC. Additional information is available upon request.

To U.S. Residents: This publication has been approved by RBC Capital Markets, LLC, Member NYSE/FINRA/SIPC, which is a U.S. registered broker-dealer and which accepts responsibility for this report and its dissemination in the United States. RBC Capital Markets, LLC, is an indirect wholly-owned subsidiary of the Royal Bank of Canada and, as such, is a related issuer of Royal Bank of Canada. Any U.S. recipient of this report that is not a registered broker-dealer or a bank acting in a broker or dealer capacity and that wishes further information regarding, or to effect any transaction in, any of the securities discussed in this report, should contact and place orders with RBC Capital Markets, LLC. International investing involves risks not typically associated with U.S. investing, including currency fluctuation, foreign taxation, political instability and different accounting standards.

To Canadian Residents: This publication has been approved by RBC Dominion Securities Inc. RBC Dominion Securities Inc.* and Royal Bank of Canada are separate corporate entities which are affiliated. *Member Canadian Investor Protection Fund. ® Registered trademark of Royal Bank of Canada. Used under license. RBC Wealth Management is a registered trademark of Royal Bank of Canada. Used under license.

RBC Wealth Management (British Isles): This publication is distributed by RBC Europe Limited and Royal Bank of Canada (Channel Islands) Limited. RBC Europe Limited is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority (FCA registration number: 124543). Registered office: 100 Bishopsgate, London, EC2N 4AA, UK. Royal Bank of Canada (Channel Islands) Limited is regulated by the Jersey Financial Services Commission in the conduct of investment business in Jersey. Registered office: Gaspé House, 66-72 Esplanade, St Helier, Jersey JE2 3QT, Channel Islands

To persons receiving this from Royal Bank of Canada, Hong Kong Branch: This document is distributed in Hong Kong by Royal Bank of Canada, Hong Kong Branch which is regulated by the Hong Kong Monetary Authority and the SFC. This document is not for distribution in Hong Kong, to investors who are not "professional investors", as defined in the Securities and Futures Ordinance (Cap. 571 of Hong Kong) and any rules made under that Ordinance. This document has been prepared for general circulation and does not take into account the objectives, financial situation, or needs of any recipient. Past performance is not indicative of future performance. WARNING: The contents of this document have not been reviewed by any regulatory authority in Hong Kong. Investors are advised to exercise caution in relation to the investment. If you are in doubt about any of the contents of this document, you should obtain independent professional advice.

To persons receiving this from Royal Bank of Canada, Singapore Branch: This publication is distributed in Singapore by the Royal Bank of Canada, Singapore Branch, a registered entity licensed by the Monetary Authority of Singapore. This publication is not for distribution in Singapore, to investors who are not "accredited investors" and "institutional investors", as defined in the Securities and Futures Act 2001 of Singapore. This publication has been prepared for general circulation and does not take into account the objectives, financial situation, or needs of any recipient. You are advised to seek independent advice from a financial adviser before purchasing any product. If you do not obtain independent advice, you should consider whether the product is suitable for you. Past performance is not indicative of future performance. If you have any questions related to this publication, please contact the Royal Bank of Canada, Singapore Branch.

© 2024 RBC Capital Markets, LLC – Member NYSE/FINRA/SIPC
© 2024 RBC Dominion Securities Inc. – Member Canadian Investor Protection Fund
© 2024 RBC Europe Limited
© 2024 Royal Bank of Canada
All rights reserved
RBC1524

